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Borough of Royal Leamington Spa.

**Report of
School Medical Officer
for 1920.**

Leamington Spa :
CHRONICLE, LIMITED, PRINTERS, CHAPEL STREET.

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Miss DYKE.

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Miss WEBB.

SCHOOL MEDICAL OFFICER.

W. L. GOLDIE, F.R.C.S., D. P. H.



Public Health Offices,

12, Hamilton Terrace.

To the Chairman and Members of the Education Committee.

LADIES AND GENTLEMEN,

I beg to report as follows on the work of the School Medical Department for the year 1920. The number of children examined in the 3 "Code" Groups, namely, Entrants, Intermediate Group, and Leavers was 879, being approximately one quarter of the number at your Elementary Schools.

The work at the Clinic for treatment of Minor Ailments has considerably increased in amount and has been most satisfactorily carried out by the School Nurse, Miss Dykes.

The Dental Surgeon, Mr. E. W. Thomas, commenced work on February 8th. Owing to the delay in obtaining the requisite instruments, the first eight sessions were spent in the examination of School Children, but the rest of the time has been entirely devoted to treatment.

At the Council Meeting held on March 23rd it was resolved that a flat rate charge of 1/- per child for Dental Treatment should be made in all but exceptional cases.

I am glad to report that of 195 Children treated, payment was made in 175 cases. My thanks are due to all my colleagues for the assistance they have given me, and especially to the School Teachers for early notification of cases of non-notifiable Infectious Diseases.

I append a short summary of the examination of the Scholars at the Secondary School, the examination of whom I undertook after consultation with the County Medical Officer of Health, Dr. Hamilton Wood, as such a large proportion there were Leamington residents.

I am, Ladies and Gentlemen,

Your obedient Servant,

W. L. GOLDIE.

Report of School Medical Officer for 1920.

The total area of the Borough of Royal Leamington Spa is 2,816 acres, divided up as follows :—

Leamington Priors	...	1,594	acres.
New Milverton	...	691	„
Lillington	...	531	„

The population at the 1911 Census was 26,713, and was estimated at 29,445 at the middle of 1920.

There are 10 Public Elementary Schools with 20 departments, of which 6 schools with 10 departments are non-provided. The total number of children on the register on the 24th December, 1920, was 3,400.

TABLE 1.
NON-PROVIDED SCHOOLS.

No.	Name of School.	Average Attend- ance.	Per- centage
1	Bath Place (C. of E.) Mixed	238	92
	„ Infants	67	82
2	Lillington (C. of E.) Mixed	92	86
3	Wesleyan, Mixed	139	87
4	St. Paul's (C. of E.)	399	88·2
5	St. Peter's (R.C.) Boys	79	92
6	„ Girls	99	88
	„ Infants	66	88
		1079	
PROVIDED SCHOOLS.			
	Special	6	100
7	Clapham Terrace, Mixed	330	90
	„ Infants	138	83
8	Leicester Street, Boys	219	92
	„ Girls	195	87
	„ Infants	132	78
9	Milverton, Mixed	246	88
	„ Infants	105	85
10	Shrubland Street, Boys	223	94
	„ Girls	208	94
	„ Infants	125	86
		1927	

TABLE II.
(TABLE I., B. OF E.)

NUMBER OF CHILDREN INSPECTED 1ST JANUARY
TO 31ST DECEMBER, 1920.

A ROUTINE MEDICAL INSPECTION.

Age ...	Entrants.					
	3	4	5	6	Other Ages.	Total.
Boys ...	1	18	38	22	27	106
Girls ...	—	10	59	22	22	113
Totals	1	28	97	44	49	219

Age ...	Inter- mediate Group.	Leavers.					
		12	13	14	Other Ages.	Total.	Grand Total.
Boys ...	130	19	17	7	147	320	426
Girls ...	132	8	14	9	177	340	453
Totals	262	27	31	16	324	660	879

B SPECIAL INSPECTIONS.

	Special Cases.	Re-examinations (i.e., No. of Children re-examined).	Number of individual Children inspected.
Boys ...	352	165	1681
Girls ...	450	216	
Totals	802	381	

TABLE III.
(TABLE II, B. OF E.)

Return of Defects found in the course of Medical Inspection in 1920

Defect or Disease.					Routine Inspection		Specials.	
					Number referred for treatment.	Number requiring to be kept under observation, but not referred for treatment.	Number referred for treatment.	Number requiring to be kept under observation, but not referred for treatment.
1					2	3	4	5
Skin.	Malnutrition ...	...	...	...	—	—	—	—
	Uncleanliness—							
	Head ...	...	...	...	64	123	104	721
	Body ...	...	...	...	5	28	4	10
	Ringworm—							
	Head ...	...	...	...	4	—	121	—
	Body ...	...	...	...	1	—	15	—
	Scabies ...	...	...	...	4	—	81	—
	Impetigo ...	...	...	...	1	—	213	—
	Other Diseases (non-Tubercular)				—	—	10	—
Eye.	Blepharitis ...	...	...	...	4	—	65	—
	Conjunctivitis ...	...	...	...	3	—	—	—
	Keratitis ...	...	...	...	—	—	—	—
	Corneal Ulcer ...	...	...	...	—	—	—	—
	Corneal Opacities ...	...	...	...	—	—	—	—
	Defective vision ...	...	...	...	68	—	52	—
	Squint ...	...	...	...	4	—	—	—
Ear.	Other conditions ...	...	...	...	—	—	—	—
	Defective Hearing ...	...	...	...	3	2	5	—
	Otitis Media ...	...	...	...	3	—	17	8
	Other Ear Diseases ...	...	...	...	—	—	—	—
Nose and Throat.	Enlarged Tonsils ...	...	...	...	56	—	20	10
	Adenoids ...	...	...	...	2	14	11	—
	Enlarged Tonsils & Adenoids ...	...	...	...	24	7	3	—
	Other conditions ...	...	...	...	—	—	—	—
	Enlarged Cervical Glands (non-Tubercular)				—	27	—	—
	Defective Speech ...	...	...	...	—	4	—	—
Heart and Circulation.	Teeth Dental Diseases (see above)				345	—	147	—
	Heart Disease—							
	Organic ...	...	...	...	—	—	—	—
	Functional ...	...	...	...	—	1	2	—
	Anæmia ...	...	...	...	—	5	—	—
Lungs.	Bronchitis ...	...	...	...	—	1	12	—
	Other Non-Tubercular Diseases				—	7	2	—

TABLE III (continued).

Defect or Disease.					Routine Inspection		Specials.	
					Number referred for treatment.	Number requiring to be kept under observation, but not referred for treatment.	Number referred for treatment.	Number requiring to be kept under observation, but not referred for treatment.
1					2	3	4	5
Tuber- culosis.	Pulmonary—							
	Definite				—	1	2	2
	Suspected				—	3	5	5
	Non-Pulmonary—							
	Spine				—	—	—	—
	Glands				3	2	—	—
	Hip				—	—	—	—
	Other Bones and Joints ...				—	—	—	—
Nervous System.	Skin... ..				—	—	—	—
	Other Forms				—	—	—	—
	Epilepsy				—	—	1	—
	Chorea				—	—	4	—
Deform- ities.	Other Conditions				—	—	3	—
	Rickets				—	3	—	6
	Spinal Curvature				—	—	—	—
	Other Forms				—	—	—	—
Other Defects and Diseases ...					17	4	61	—
Number of individual children having Defects which required Treatment or to be kept under observation					611	232	906	760

Routine School Inspection.

Table III shows in columns 2 and 3 the various defects and diseases found in the children examined at the Schools in the 3 Code Groups.

The more important of these defects were :—

(1) EYE DEFECTS.

68 children were discovered with defective vision—these with 52 remaining over from last year or found in the course of special examination make a total of 120, of whom 98 received treatment.

(2) NOSE AND THROAT.

Enlarged tonsils and adenoids were found in 82 cases in the Code Groups and 34 elsewhere. Of these 48 received treatment at the Warneford Hospital or by their own doctor.

(3) DENTAL DEFECTS.

The first 8 sessions were occupied by the Dental Surgeon in examination at the Schools, during which time 421 children were examined and 119 of these referred for treatment.

In addition 492 other children (345 in the Code Groups and 147 “specials”) were noted by your School Medical Officer.

195 received treatment at the School Clinic and 61 by private Dentists.

Parents refused treatment in many instances in the case of decayed first teeth owing to a popular prejudice that it is unnecessary.

The details of the work done are set out in table V. (IV. B. of E.)

TUBERCULOSIS.

Several cases were referred to the Tuberculosis Officer, Dr. French, and he was most kind in giving every assistance.

Only 3 definite cases of Pulmonary disease were found, and 5 of glands in the neck

GOITRE.

10 cases of goitre, all in girls, were noted.

RINGWORM.

13 cases received X-ray treatment. The loss of school time in this disease is a most important factor. This is undoubtedly greatly lessened by X-ray treatment, and I feel sure that the extension of this form of treatment will be of the greatest value.

PREVIOUS INFECTIOUS DISEASES.

An enquiry into the number of children who had at one time or another suffered from an attack of one of the commoner infectious diseases gave the following figures :—

Measles	...	...	...	160
Whooping Cough	...	...	...	80
Chicken Pox	...	...	...	54
Scarlet Fever	...	...	...	11
Mumps	...	...	...	15
Diphtheria	...	...	...	7

VACCINATION.

Out of the 879 children examined only 387 (or 44 %) had been vaccinated.

The complete figures are as follows :—

	Total Examined.	Not Vaccinated.	Vaccination Marks.				Total.	Percentage
			1	2	3	4		
GIRLS	453	261	15	28	18	131	192	42
Boys	426	231	19	27	27	122	195	46

Of those vaccinated the figures were :—

	Total.	Vaccinated.	Percentage
GIRLS—Entrants up to 6 years	91	33	36
From 6 „ 12 years	331	137	41
„ 12 „ 14 years	31	22	70
Boys —Entrants up to 6 years	79	32	40
From 6 „ 12 years	304	141	46
„ 12 „ 14 years	43	22	51

These figures show how deplorably unprotected from Smallpox are a large percentage of children in this town.

TABLE IV.
(Table III, B. of E.)

NUMERICAL RETURN OF ALL EXCEPTIONAL CHILDREN
IN THE AREA IN 1920.

			BOYS.	GIRLS.	TOTAL.
BLIND. (Including partially blind) within the meaning of the Elementary Education (Blind & Deaf Children) Act, 1893.		Attending Public Elementary Schools Attending Certified Schools for the Blind Not at School	— — —	— — —	— — —
DEAF AND DUMB. (Including partially deaf) within the meaning the Elementary Education (Blind & Deaf Children) Act, 1893.		Attending Public Elementary Schools... .. Attending Certified Schools for the Deaf Not at School	1 1 —	1 2 —	2 3 —
MENTALLY DEFICIENT.	Feeble Minded.	Attending Public Elementary Schools... .. Attending Certified Schools for Mentally Defective Children... Notified to the Local Control Authority by Local Education Authority during the year ... Not at School	4 — — — —	3 1 — —	7 1 — —
		At School Not at School	— —	— —	— —
	Imbeciles.				
	Idiots.				
EPILEPTICS.		Attending Public Elementary Schools... .. Attending Certified Schools for Epileptics In institutions other than Cer- tified Schools Not at School	— — — — —	1 — — —	1 — — —

TABLE IV (continued).

			Boys.	Girls.	Total.
PHYSICALLY DEFECTIVE.	Pulmonary Tuberculosis.	Attending Public Elementary Schools... ..	2	3	5
		Attending Certified Schools for Physically Defective Children In Institutions other than Certified Schools	—	—	—
			—	—	—
	Crippling due to Tuberculosis.	Attending Public Elementary Schools... ..	—	—	—
		Attending Certified Schools for Physically Defective Children In Institutions other than Certified Schools	—	—	—
			—	—	—
		Not at School	—	—	—
	Crippling due to causes other than Tuberculosis, <i>i.e.</i> , Paralysis, Rickets, Rheumatism.	Attending Public Elementary Schools... ..	1	1	2
		Attending Certified Schools for Physically Defective Children In Institutions other than Certified Schools	—	—	—
			—	—	—
		Not at School	—	—	—
	Other Physical Defectives, <i>e.g.</i> delicate and other children suitable for admission to Open - Air Schools: Children suffering from severe heart disease.	Attending Public Elementary Schools... ..	—	—	—
		Attending Open-Air Schools ...	—	—	—
		Attending Certified Schools for Physically Defective Children, other than Open-Air Schools ...	—	—	—
		Not at School	—	—	—
DULL OR BACKWARD.		Retarded 2 years	5	3	8
		Retarded 3 years	2	2	4

During the course of the year 2 children, both girls, were sent to the Deaf and Dumb Institution at Edgbaston.

TABLE V.
(Table IV, B of E).

A. TREATMENT OF MINOR AILMENTS.

Disease or Defect.	Number of Children.			
	Referred for Treatment.	Treated.		
		Under Local Education Authority's Scheme.	Otherwise.	TOTAL.
Skin—				
Ringworm, Head	121	113	9	121
Ringworm, Body	15	15	—	15
Scabies	81	81	—	81
Impetigo	213	184	19	213
Minor Injuries	15	5	10	15
Other Skin Diseases	10	—	5	5
Ear Disease	22	6	16	22
Eye Disease (external and other)	11	2	9	11
Miscellaneous	172	132	7	139

B. TREATMENT OF VISUAL DEFECTS.

Referred for Refraction.	Number of Children.						Received other forms of Treatment.	For whom no Treatment was considered necessary.	
	Submitted to Refraction.				For whom Glasses were prescribed.	For whom Glasses were provided.			Recommended for Treatment other than Glasses.
	Under Local Education Authorities Scheme Clinic or Hospital.	By Private Practitioner or Hospital	Otherwise.	TOTAL.					
120	—	98	—	98	97	97	—	—	1

TABLE V (continued).

C. TREATMENT OF DEFECTS OF NOSE AND THROAT.

Referred for Treatment.	Number of Children.			
	Received Operative Treatment.			Received other forms of Treatment.
	Under Local Education Authority's Scheme—Clinic or Hospital.	By Private Practitioner or Hospital.	TOTAL.	
116	—	40	40	8

D. TREATMENT OF DENTAL DEFECTS.

1.—Number of Children dealt with.

	Age Groups.										'Specials' Sent by S.M.O. during Routine School Inspection.	TOTAL.
	5	6	7	8	9	10	11	12	13	14		
(a) Inspected by Dentist ...	—	100	114	106	58	38	3	2	—	—	492	913
(b) Referred for Treatment ...	—	8	32	41	22	11	3	2	—	—	492	611
(c) Actually Treated ...	2	14	27	32	40	40	13	14	8	5	—	195*
(d) Re - Treated (result of periodical examination)	—	—	—	—	—	—	—	—	—	—	—	—

* The above figures apply to cases treated at School Dental Clinic.

In addition 61 children have been taken to private dentists.

TABLE V (continued).

D. TREATMENT OF DENTAL DEFECTS.

2. Particulars of time given and of operations undertaken.

Number of half days devoted to inspection.	Number of half days devoted to Treatment.	Total Number of attendances made by the Children at the Clinic.	Number of permanent Teeth.		Number of temporary Teeth.		Total Number of Fillings,	Number of Adminis- trations of General Anaesthetics, including (4) & (6).	Number of other Operations.	
			Extracted.	Filled.	Extracted.	Filled.			Permanent Teeth.	Temporary Teeth
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
8	63	560	503	11	56	149	160	—	61	103

77 Cases were referred for treatment for various complaints, either to private practitioner or to the Warneford Hospital. In a large majority of these treatment was obtained and carried out by the parents.

No legal proceedings were taken under the Children's Act, 1908, under the School Attendance Bye-Laws.

E. Treatment of Uncleanliness.

The average number of visits paid by the School Nurse to each school was 80. The total children inspected was 5,787, and the number of individual children found unclean was 791.

Baths were given at the School Clinic to children suffering from Scabies, and infected clothing disinfected.

The Work of the School Nurse.

The following is a statistical return of the work of the School Nurse :—

Visits to Schools	...	...	...	...	820
Visits to Homes	...	...	...	...	1,236
Number of children examined for Verminous Conditions	...	...	...	...	6,770

TABLE VI.

RESULTS OF SCHOOL NURSE'S SURPRISE VISITS TO SCHOOLS RE VERMINOUS CONDITIONS.

SCHOOL.	DEPART- MENT.	HEAD.		BODY.		TOTAL EXAMINED
		Vermin	Nits	Vermin	Bites	
CLAPHAM TERRACE	Boys	1	16	—	—	254
	Girls	10	61	—	—	395
LEICESTER STREET	Boys	6	15	—	—	500
	Girls	22	184	—	—	507
MILVERTON ...	Boys	—	3	—	—	263
	Girls	2	21	—	—	306
SHRUBLAND STREET	Boys	—	27	—	—	418
	Girls	10	78	—	—	496
LILLINGTON (C.E.)	Boys	—	1	—	—	79
	Girls	1	23	—	—	139
BATH PLACE (C.E.)	Boys	1	6	—	—	384
	Girls	11	110	—	—	494
ST. PAUL'S (C.E.)	Boys	—	5	—	—	247
	Girls	4	96	—	—	350
ST. PETER'S (R.C.)	Boys	—	16	—	—	208
	Girls	2	80	—	—	381
WESLEYAN ...	Boys	—	—	—	—	125
	Girls	1	7	—	—	241
TOTALS ...		71	720	—	—	5787

This work, as frequently commented upon, is of a most objectionable nature. The necessity of it is, however, shown by the figures above, and great credit is due to Miss Dykes for her work in this direction.

A very noticeable feature is the increase in the number of cases observed immediately after the holidays.

School Closures.

No Schools were closed during the year by reason of the occurrence of Infectious Disease.

TABLE VII.
CASES OF COMMUNICABLE DISEASE EXCLUDED FROM SCHOOL,
JANUARY TO DECEMBER, 1920.

	January.	February.	March.	April.	May.	June.	July.	August.*	September.	October.	November.	December.	TOTALS.
Tuberculosis ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlatina... ..	15	3	7	4	1	...	5	...	6	...	3	2	46
Diphtheria ..	1	...	1	...	3	...	1	...	1	2	9	4	22
Whooping- Cough	8	5	8	3	8	2	...	...	2	2	...	...	38
Measles	1	1	3	1	58	34	67	...	49	8	24	12	258
Chickenpox ...	5	1	1	1	2	6	3	...	7	12	21	5	64
Ringworm ...	10	3	18	11	8	16	8	...	12	6	7	5	104
Impetigo	17	5	19	20	9	6	6	...	21	20	46	36	211
Scabies	26	10	14	6	5	5	3	...	9	3	1	5	81
German Measles	...	...	...	...	...	...	...	...	...	...	...	...	...
Mumps	4	...	1	1	1	...	..	...	...	...	...	...	7
TOTALS	81	28	72	47	95	69	97	...	109	53	111	69	831

* Schools not open this month.

It will be noted that one-third these cases were of measles.

TABLE VIII.
(Table V, B of E).

SUMMARY OF TREATMENT OF DEFECTS AS SHOWN IN TABLE IV.
(A, B, C, D, and F, but excluding E).

Disease or Defect.	Number of Children.			
	Referred for Treatment.	Treated.		
		Under Local Education Authority's Scheme.	Otherwise.	TOTAL.
Minor Ailments	660	538	43	581
Visual Defects	120	—	98	98
Defects of Nose and Throat ..	116	—	48	48
Dental Defects	611	195	61	256
Other Defects	77	—	23	23
TOTAL ...	1584	733	273	1006

School Clinic and Treatment of Minor Ailments.

The total number of children examined during the year was 1,681 (879 at the Schools and 802 at the Clinic).

The number of attendances at the Clinic was 7,612.

The cases treated there comprised the following :—

	Treated.	Treated but not excluded	Average time under treatment.
Impetigo	213	88	4—10 days.
Ringworm Head	113	—	1—9 months.
Ringworm Body	15	—	3—14 days.
Ear Syringed	22	14	4—14 days.
Boils on Neck	8	3	2—10 days.
Septic Conditions	61	41	3—14 days.
Miscellaneous	61	56	1—3 days.

Among other conditions noted and either treated at the Clinic or referred elsewhere the principal were :—

Catarrh	50 cases.
Gastric conditions	34 „
Debility	32 „
Enlargment of Cervical Glands ...	7 „
Sore Throat	41 „
Scabies	81 „

In the above figures cases of Infectious Diseases, such as Measles, Whooping Cough, Scarlet Fever, Diphtheria, etc., are not included.

TABLE IX.
(Table VI, B of E).

Summary relating to Children Medically Inspected at the
Routine Inspections during the year 1920.

(1)	The total number of Children medically inspected at Routine Inspections	879
(2)	The number of Children in (1) suffering from :—	
	Malnutrition	—
	Skin Disease	10
	Defective Vision (including Squint)	72
	Eye Disease	7
	Defective Hearing	3
	Ear Disease	3
	Nose and Throat Disease	82
	Enlarged Cervical Glands (non-tubercular) ...	27
	Defective Speech	4
	Dental Disease	345
	Heart Disease—	
	Organic	1
	Functional	5
	Anæmia	—
	Lung Disease (non-tubercular)	8
	Tuberculosis—	
	Pulmonary { Definite	1
	{ Suspected	3
	Non-Pulmonary	—
	Disease of the Nervous System	—
	Deformities	—
	Other Defects and Diseases	21
(3)	The number of Children in (1) suffering from Defects (other than uncleanness or defective clothing or footgear) who require to be kept under observation (but not referred for treatment) ...	85
(4)	The number of Children in (1) who were referred for treatment (excluding uncleanness, defective clothing, etc.)	542
(5)	The number of Children in (4) who received treatment for one or more Defects (excluding uncleanness, defective clothing, etc.) ...	296

Leamington Secondary School.**BOYS.**

All the Boys to the number of 200 were examined, a parent being present in 67 cases.

The age Distribution was as follows:—

Years	7	8	9	10	11	12	13	14	15	16	17	Total
	1	3	12	14	25	43	40	31	22	8	1	200

Vaccination.

144 (72%) had been vaccinated, the number of marks being:—

4	Scars	...	...	54	...	...	37%
3	„	...	...	33	...	...	23%
2	„	...	...	39	...	...	27%
1	„	...	...	19	...	..	13%

A History of having previously suffered from an Infectious Disease was found as follows:—

Measles	...	...	...	161
Whooping Cough	...	...	...	66
Chicken Pox	...	...	...	67
Scarlet Fever	...	...	...	25
Diphtheria	...	...	...	10
Pneumonia	...	...	...	7
Malaria	...	...	...	1
Rheumatic Fever	...	...	...	4
Mumps	...	...	...	2

In five cases the Appendix had been removed. Three Boys had been operated on for Hernia, and one for Tuberculous Glands of Neck.

The following defects were found:—

Skin. Ichthyosis 1; Scabies 1; Ringworm 1.

Nose and Throat. Enlarged Tonsils and Adenoids, 19.

Heart and Circulation. Heart Disease, Organic 3.

Respiratory System. Bronchitis 2; Asthma 1.

Enlarged Glands (Neck). 7.

Enlarged Thyroid. 3.

Dental Caries.

The teeth in the case of boys were not so well kept as those of the girls.

In 24 cases they were very good.

In 86 cases they were good.

In 90 cases Caries was present, the figures being as follows:—

1	Carious Tooth	...	...	29
2	„ Teeth	...	...	30
3	„ „	...	...	19
4	or more „	...	...	12

Eye Defects.

29 Cases of Defective Vision were noted. For 13 of these Spectacles were already provided.

Leamington Secondary School.

GIRLS.

All the Girls at this School this year were examined. The total number was 218, the age distribution being as follows. In 113 cases a Parent was present:—

Years	7	8	9	10	11	12	13	14	15	16	17	18	Total
	1	2	7	8	25	40	49	37	32	11	5	1	218

Vaccination.

Of these 218 Girls examined 171 (77%) had been vaccinated and 47 had not.

In those vaccinated the number of Scars noted was as follows:—

4	Scars	...	55	...	32%
3	„	...	39	...	23%
2	„	...	48	...	28%
1	„	...	29	...	17%

Previous Infectious Diseases.

A History of certain Infectious Diseases was obtained in a number of cases. These were as follows:—

Measles	..	..	..	..	188
Whooping Cough	..	..	..	..	104
Chicken Pox	..	..	..	..	91
Scarlet Fever	..	..	..	..	21
Diphtheria	..	..	..	..	12
Typhoid	..	..	..	..	2
Pneumonia	..	..	..	..	6
Rheumatic Fever	..	..	..	..	22

Three girls had been operated on for Appendicitis and six had had Glands in the Neck, presumably Tuberculous, removed.

The following Defects were found :—

Skin. Psoriasis 1.

Nose and Throat. Enlarged Tonsils and Adenoids 15.

Heart and Circulation. Heart Disease, Organic 1; Functional 4.

Nervous System. Chorea 1.

Enlarged Glands (Neck). 5.

Enlarged Thyroid. 11.

Dental Caries.

The condition of the Teeth, especially amongst the elder girls was good, the teeth being well kept and where there had been any decay either removed or filled.

The teeth in 54 cases were very good. In 79 cases good.

In 85 Cases some Dental Caries was present, the figures being as follows :—

1	Carious Tooth	..	..	31 cases.
2	„ Teeth	..	..	26 „
3	„ „	..	..	14 „
4	or more „	..	..	14 „

Eye Defects.

25 Cases of Defective Vision were observed. In 9 cases this had been corrected by glasses, of the others in 6 only was the defect 6/18.

The short time that can be given to the Medical examination of children in the Schools prohibits the collection of much in the way of Anthropometrical Survey, and in the case of the Leamington Secondary School the comparatively small number of children did not render a result of much value. However, the following points have been enquired into and the results are as follows :—

1. **THE CEPHALIC INDEX.**—The maximum breadth of the Skull multiplied by 100 and divided by the Length is termed the index of Breadth or Cephalic Index. Skulls with breadth index above 80 are termed Brachycephalic, from 75 to 80 Mesaticephalic, and all below 75 Dolichocephalic.

200 Boys and 218 Girls were examined and the following results were obtained :—

Breadth Index.			Boys.			Girls.
71	..	..	—	..	..	2
72	..	..	—		..	1
73	..	..	1	..	.	3
74	..	..	9	..	..	10
75	..	..	8	..	..	25
76	..	..	23	..	..	17
77	..	..	27	..	..	35
78	..	..	24	..	..	26
79	..	..	25	..	..	24
80	..	..	20	..	..	24
81	..	..	15	..	..	22
82	.	..	9	..	..	16
83	..	..	17	..	..	3
84	..	..	9	..	..	3
85	..	..	4	..	..	2
86	..	.	3	..	..	4
87	..	..	2	..	..	1
88	..	..	2	..	..	—
89	..	..	1	..	..	—

These may be tabulated as follows :—

		Boys.	Girls.
Dolichocephalic	..	10 (5%)	16 (7·3%)
Mesaticephalic	..	127 (63·5%)	151 (69·2%)
Brachycephalic	..	63 (31·5%)	51 (23·4%)

The average for Boys was 78·9 and for Girls 78·3.

Hair Colour.			Boys (200).			Girls (218).
Red	..	..	3	..	..	4
Flaxen		..	44	..	..	42
Light Brown	..	..	33	..	..	45
Brown	..	..	95	..	..	95
Dark Brown	..	..	15	..	..	29
Black	..	..	10	..	..	3
Eye Colour.						
Blue	..	..	86	..	..	92
Grey	..	..	31	..	..	45
Hazel	..	..	23	..	..	29
Brown	..	..	60	..	..	52

Where parents had definitely different coloured eyes, *i.e.*, Brown on the one hand and Blue or Grey on the other, the child's eyes were the same as the Father in 36 Boys and in 24 Girls;
as the Mother in 45 Boys and in 46 Girls.

In both cases it will be noticed there is a greater tendency for Eye Colour to be the same as that of the Mother.

Ear. Darwinian Tubercle was present.

	Boys.		Girl	
Right Ear only ..	13	..	..	27
Left Ear only ..	18	..	..	21
Both	72	..	..	47
Webbed Lobule ..	21	..	..	28

Hands.	Boys.		Girls.	
Ring & Index Finger same length	62		55	
Ring, longer than Index..	77	..	67	
Ring, shorter than Index	22	..	40	
Two Hands unequal ..	39	..	58	

From these figures it would appear that an Index Finger longer than the Ring Finger is nearly twice as common in Girls as in Boys, and this seems to be further borne out in analyzing the cases where the length differs in the two hands.

OTHER HAND.

	RING (longest)		INDEX (longest)	
	Boys.	Girls.	Boys.	Girls.
Fingers Right Hand equal length	17	17	3	4
„ Left „ „	13	4	3	23
Totals ..	30	21	6	27

This table also shows one curious feature, namely, that in Girls where the fingers of the Right Hand are equal, in a very large proportion of cases the Ring Finger on the Left Hand is the longer, while exactly the reverse obtains in the Right Hand, when the fingers are of equal length on the Left Hand. It also shows that in Boys the tendency is for the Ring Finger to be markedly often the longer.



